

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO 1004-0135  
Expires July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

HOBBS OGD

AUG 10 2011

SUBMIT IN TRIPLICATE - Other instructions on reverse side

RECEIVED

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Serial No NMMNM118720
2. Name of Operator COG OPERATING LLC	6. If Indian, Allottee or Tribe Name
Contact DEBORA WILBOURN E-Mail: dwilbourn@concho.com	7. If Unit or CA/Agreement, Name and/or No
3a. Address 550 WEST TEXAS AVENUE SUITE 1300 MIDLAND, TX 79701-4287	8. Well Name and No PATTERSON B 52 FEDERAL 5H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 5 T19S R32E NESE 2310FSL 660FEL 32 688574 N Lat, 103.782020 W Lon	9. API Well No. 30-025-38970-00-X1
10. Field and Pool, or Exploratory LUSK; Bone Spring N-	11. County or Parish, and State LEA COUNTY, NM

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recombine
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other
	Change to Original APD
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

COG OPERATING, LLC, RESPECTFULLY REQUESTS TO MAKE THE FOLLOWING CHGS TO THE ORIGINAL APD:

Will not drill a pilot hole  
See attached directional plan  
Drill 7-7/8" lateral to approx 11,155' MD / 9380' TVD to already approved BHL of 330' FSL & 660'  
FEL  
Run 5-1/2" 17# P110 LTC csg  
Cmt in 1 stg with:  
Lead: 1000 sx 35:65:6 H + Salt + Gilsomite + CF + CFR-3 @ 12.7 ppg/1 89 yield  
Tail: 750 sx 50:50:2 H + Salt + GasStop + CFR-3 @ 14.4/1 25 yield  
Tie back to min 3000'

14. I hereby certify that the foregoing is true and correct	
Electronic Submission #114466 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Hobbs Committed to AFMSS for processing by DEBORAH MCKINNEY on 08/03/2011 (11DLM0655SE)	
Name (Printed/Typed) DEBORA WILBOURN	Title OPERATIONS ASSISTANT - NM
Signature (Electronic Submission)	Date 08/03/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By CHRISTOPHER WALLS	Title PETROLEUM ENGINEER	Date 08/08/2011
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office Hobbs		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.		

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

AUG 11 2011